

✓ ¡Felicitaciones! ¡Aprobaste!

Calificación recibida 100 % Para Aprobar 80 % o más

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Week 1 Quiz

Calificación de la entrega más reciente: 100 %

1. What is an example of a Univariate time series?

1 / 1 punto

☒ Hour by hour temperature

☐ Baseball scores

☐ Fashion items

☐ Hour by hour weather

✓ Correcto

2. What is an example of a Multivariate time series?

1 / 1 punto

☒ Hour by hour weather

☐ Fashion items

☐ Baseball scores

☐ Hour by hour temperature

✓ Correcto

3. What is imputed data?

1 / 1 punto

☒ A projection of unknown (usually past or missing) data

☐ A bad prediction of future data

- ☐ A good prediction of future data
- ☐ Data that has been withheld for various reasons

✓ Correcto

4. A sound wave is a good example of time series data

1 / 1 punto

- ☐ False
- ☒ True

✓ Correcto

5. What is Seasonality?

1 / 1 punto

- ☐ Data that is only available at certain times of the year
- ☐ Weather data
- ☒ A regular change in shape of the data
- ☐ Data aligning to the 4 seasons of the calendar

✓ Correcto

6. What is a trend?

1 / 1 punto

- ☐ An overall consistent flat direction for data
- ☒ An overall direction for data regardless of direction
- ☐ An overall consistent downward direction for data
- ☐ An overall consistent upward direction for data

✓ Correcto

7. In the context of time series, what is noise?

1 / 1 punto

- ☒ Unpredictable changes in time series data
- ☐ Data that doesn't have a trend
- ☐ Data that doesn't have seasonality
- ☐ Sound waves forming a time series

✓ Correcto

8. What is autocorrelation?

1 / 1 punto

- ☐ Data that automatically lines up in trends
- ☒ Data that follows a predictable shape, even if the scale is different
- ☐ Data that doesn't have noise
- ☐ Data that automatically lines up seasonally

✓ Correcto

9. What is a non-stationary time series?

1 / 1 punto

- ☐ One that has a constructive event forming trend and seasonality
- ☐ One that is consistent across all seasons
- ☐ One that moves seasonally
- ☒ One that has a disruptive event breaking trend and seasonality

✓ Correcto

